



PDT JOB NO. _____

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SCALE AS NOTED

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 FOR CONSTRUCTION

TITLE
 ELECTRICAL
 LEGENDS,
 NOTES AND
 ABBREVIATIONS

SHEET

E-000

<p>F1 INTERCOM STATION</p> <p>N NURSE CALL PATIENT STATION, PROVIDE EMPTY CONDUITS FOR USE BY OWNER'S NURSE CALL VENDOR. COORDINATE WITH OWNER.</p> <p>L NURSE CALL DOME LIGHT, PROVIDE EMPTY CONDUITS FOR USE BY OWNER'S NURSE CALL VENDOR. COORDINATE WITH OWNER.</p> <p>SP PAGING SPEAKER</p> <p>MS MUSIC SPEAKER</p> <p>V VOLUME CONTROL</p>		<p>20A, 125V, 2P, 3W, NEMA 5-20R</p> <p>20A, 125V, 2P, 3W, NEMA L5-20R (TWISTLOCK)</p> <p>30A DRYER RECEPTACLE-250V, 2P, 3W, GROUNDING, NEMA 14-30R, (3)#10+(1)#10G TO 30A, 2P CIRCUIT BREAKER</p> <p>30A, 250V, 2P, 3W, NEMA 6-30R</p> <p>50A TWISTLOCK RECEPTACLE ~ 250V, 2P, 3W, NEMA L6-50R, (3)#6+(1)#10 TO 50A, 2P CIRCUIT BREAKER</p> <p>NOTE: PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES</p>		<p>F1 LIGHT FIXTURE, RECESSED TROFFER, TYPICAL INDICATES LIGHT FIXTURE TYPE ON LUMINAIRE SCHEDULE</p> <p>a LOWER CASE LETTER INDICATES SWITCHING, TYPICAL</p> <p># NUMBER INDICATES CIRCUITING, TYPICAL</p> <p>RECESSED DOWNLIGHT</p> <p>RECESSED WALL WASHER DOWNLIGHT</p> <p>WALL MOUNTED LIGHT FIXTURE</p> <p>CEILING SURFACE MOUNTED LIGHT FIXTURE</p> <p>PENDANT MOUNTED LIGHT FIXTURE</p> <p>LINEAR LIGHT FIXTURE, CEILING SURFACE MOUNTED</p> <p>LINEAR LIGHT FIXTURE, PENDANT MOUNTED</p> <p>LINEAR LIGHT FIXTURE, WALL MOUNTED</p> <p>REMOTE BALLAST, ALLOW 9" IN ALL DIRECTIONS BETWEEN BALLASTS</p>		<p>FACP FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>FAA FIRE ALARM ANNUCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>S SMOKE DETECTOR</p> <p>E SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL</p> <p>SS SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER</p> <p>SS AV SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER</p> <p>H HEAT DETECTOR</p> <p>D DUCT SMOKE DETECTOR, FURNISHED AND WIRED BY DIVISION 26, INSTALLED BY DIVISION 23</p> <p>RTS REMOTE TEST INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS</p> <p>E MANUAL PULL STATION, MOUNT 48" AFF</p> <p>AV AUDIO/VISUAL INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER</p> <p>15 E VISUAL INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER</p> <p>R VISUAL INDICATING APPLIANCE, 15 CANDELA, 120V, CONNECT TO OPERATE UPON ACTIVATION OF ROOM SMOKE DETECTOR</p> <p>30 S SPEAKER/STROBE, CANDELA AS NOTED ON PLANS, MOUNT 80" AFF TO BOTTOM OR 6" BELOW CEILING WHICHEVER IS LOWER</p> <p>M MINI HORN</p> <p>AV AUDIO/VISUAL INDICATING APPLIANCE WITH PULL STATION DIRECTLY BELOW</p> <p>M MAGNETIC DOOR HOLD OPEN DEVICE</p> <p>T TRANSFORMER</p> <p>S SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>S SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>S SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>S SPRINKLER SYSTEM EXCESS PRESSURE PUMP, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26</p> <p>K KNOX BOX, MOUNT 60" AFF</p> <p>SD SMOKE DAMPER</p>		<p>PANELBOARD - SURFACE MOUNTED</p> <p>PANELBOARD - FLUSH MOUNTED</p> <p>FUSED DISCONNECT SWITCH</p> <p>NON-FUSED DISCONNECT SWITCH</p> <p>00 MOTOR STARTER - NUMBER INDICATES NEMA SIZE</p> <p>00 COMBINATION MOTOR STARTER/FUSED DISCONNECT</p> <p>MOTOR</p> <p>METER AND CABINET</p> <p>JUNCTION BOX - CEILING MOUNTED</p> <p>JUNCTION BOX - WALL MOUNTED</p> <p>JUNCTION BOX - FLOOR MOUNTED</p> <p>JUNCTION BOX - PEDESTAL MOUNTED</p> <p>TRANSFORMER - NUMBER INDICATES DESIGNATION SEE TRANSFORMER SCHEDULE</p> <p>VARIABLE FREQUENCY DRIVE</p> <p>TRANSIENT VOLTAGE SURGE SUPPRESSOR</p> <p>EMERGENCY SHUTOFF SWITCH - WALL MOUNTED 48" TO CENTERLINE - PROVIDE TAMPER-PROOF COVER</p> <p>CONDUIT TURNING UP</p> <p>CONDUIT TURNING DOWN</p> <p>WIRING UNDERGROUND OR UNDERSLAB</p> <p>HOMERUN ~ (2)#12+(1)#12G UNO (EXCEPT COMPUTER AND LIGHTING CIRCUITS: (1)#12+(1)#10+(1)#12G UNO)</p> <p>SINGLE-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT</p> <p>3-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT</p> <p>L-20A, 1P INDICATES 20A, 1P LOCKING CIRCUIT BREAKER</p> <p>FLEXIBLE CONNECTION</p> <p>GROUNDING SYSTEM</p> <p>POWER POLE</p> <p>PUSHBUTTON</p>					
<p>F1 CLOCKS AND SPEAKERS (P.A.)</p> <p>NO SCALE</p>		<p>F3 SINGLE RECEPTACLES</p> <p>NO SCALE</p>		<p>F5 LUMINAIRES</p> <p>NO SCALE</p>		<p>D9 POWER DISTRIBUTION</p> <p>NO SCALE</p>							
<p>AFF ABOVE FINISHED FLOOR (E) EXISTING ITEM TO REMAIN</p> <p>AFG ABOVE FINISHED GRADE (R) REMOVE ITEM AND DISPOSE OF PROPERLY</p> <p>BAS BUILDING AUTOMATION SYSTEM (ER) RELOCATED ITEM AT NEW LOCATION</p> <p>BKBD BACKBOARD (RL) REMOVE AND RELOCATE</p> <p>CATV CABLE TV (RL) REMOVE AND RELOCATE</p> <p>CB CIRCUIT BREAKER</p> <p>P/O PART OF</p> <p>MT MOUNT</p> <p>NEC NATIONAL ELECTRICAL CODE</p> <p>TBD TO BE DETERMINED</p> <p>TEL TELEPHONE</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>WP WEATHERPROOF</p> <p>WG WIREGUARD</p> <p>XFMR TRANSFORMER</p>		<p>DUPLX RECEPTACLE ~ 20A, 125V, 2P, 3W, NEMA 5-20R</p> <p>DOUBLE DUPLX RECEPTACLE</p> <p>DUPLX RECEPTACLE CONNECTED TO XXX</p> <p>GFCI DUPLX RECEPTACLE, MOUNT 44" AFF UNO</p> <p>GFCI DOUBLE DUPLX RECEPTACLE, MOUNT 44" AFF UNO</p> <p>GFCI RECEPTACLE WITH WEATHERPROOF COVER</p> <p>GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF</p> <p>MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT 44" AFF UNO</p> <p>NOTES:</p> <ol style="list-style-type: none"> MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO 		<p>HATCHING INDICATES FIXTURE WITH ONE LAMP ON EMERGENCY BATTERY/BALLAST</p> <p>EMER BATTERY UNIT WITH NO HEADS, MT 7'-6" AFF BP# INDICATES BATTERY UNIT DESIGNATION NUMBER INDICATES CIRCUITING</p> <p>EMER BATTERY UNIT WITH INTEGRAL HEADS, MT 7'-6" AFF BP# INDICATES BATTERY UNIT DESIGNATION NUMBER INDICATES CIRCUITING</p> <p>SINGLE REMOTE EMERGENCY LIGHT HEAD, MOUNT 7'-6" AFF, BP# INDICATES BATTERY UNIT CONNECTED TO</p> <p>DOUBLE REMOTE EMERGENCY LIGHT HEAD, MOUNT 7'-6" AFF, BP# INDICATES BATTERY UNIT CONNECTED TO</p> <p>DOUBLE REMOTE EMERGENCY LIGHT HEAD, CEILING MOUNTED, BP# INDICATES BATTERY UNIT CONNECTED TO</p> <p>EXIT SIGN, CEILING MOUNTED, SHADING INDICATES FACE(S), ARROWHEAD INDICATES CHEVRON(S) REQUIRED, BP# INDICATES BATTERY UNIT CONNECTED TO</p> <p>EXIT SIGN, SELF-POWERED, WALL MOUNTED, SHADING INDICATES FACE(S), MOUNT AT 7'-6" AFF OR OVER DOOR, BP# INDICATES BATTERY UNIT CONNECTED TO</p> <p>EXIT SIGN, SELF-POWERED, CEILING MOUNTED, SHADING INDICATES FACE(S), ARROWHEAD INDICATES CHEVRON(S) REQUIRED, NUMBER INDICATES CIRCUIT NUMBER, TYPICAL</p> <p>EXIT SIGN, SELF-POWERED, WALL MOUNTED, SHADING INDICATES FACE(S), MOUNT AT 7'-6" AFF OR OVER DOOR, NUMBER INDICATES CIRCUIT NUMBER, TYPICAL</p>		<p>ABBREVIATIONS</p> <p>NO SCALE</p>		<p>RECEPTACLES</p> <p>NO SCALE</p>		<p>EMERGENCY LUMINAIRES</p> <p>NO SCALE</p>		<p>FIRE ALARM SYSTEM</p> <p>NO SCALE</p>	
<p>D1 ABBREVIATIONS</p> <p>NO SCALE</p>		<p>D3 RECEPTACLES</p> <p>NO SCALE</p>		<p>D5 EMERGENCY LUMINAIRES</p> <p>NO SCALE</p>		<p>D7 FIRE ALARM SYSTEM</p> <p>NO SCALE</p>		<p>D9 POWER DISTRIBUTION</p> <p>NO SCALE</p>					
<p>SEC SECURITY PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>ANN ANNUNCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF</p> <p>KP KEYPAD, MOUNT 48" AFF</p> <p>MSP MOTION SENSOR, PASSIVE INFRARED (PIR), WALL MOUNTED 96" AFF</p> <p>MSP MOTION SENSOR, PASSIVE INFRARED (PIR), CEILING MOUNTED</p> <p>MSM MOTION SENSOR, MICROWAVE, WALL MOUNTED</p> <p>MSM MOTION SENSOR, MICROWAVE, CEILING MOUNTED</p> <p>MS MOTION SENSOR, DUAL TECHNOLOGY, PIR/MICROWAVE, WALL MOUNTED</p> <p>MS MOTION SENSOR, DUAL TECHNOLOGY, PIR/MICROWAVE, CEILING MOUNTED</p> <p>C CAMERA</p> <p>CA CARD ACCESS</p> <p>DC DOOR CONTACT</p> <p>DL MAGNETIC DOOR LOCK</p> <p>DR DOOR RELEASE BUTTON</p> <p>DS DOOR SWITCH</p> <p>B BELL</p> <p>CC CHIME</p> <p>SS STROBE</p> <p>SH HORN</p> <p>T TRANSFORMER</p> <p>S JUNCTION BOX WITH POWER FOR FUTURE CARD ACCESS AND SECURITY</p>		<p>DUPLX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX</p> <p>DOUBLE DUPLX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX</p> <p>JUNCTION BOX, MOUNT IN FLUSH FLOOR BOX</p> <p>EMPTY FLUSH FLOOR BOX</p> <p>DUPLX RECEPTACLE, PEDESTAL MOUNTED</p> <p>SINGLE RECEPTACLE, PEDESTAL MOUNTED</p> <p>JUNCTION BOX, PEDESTAL MOUNTED</p> <p>DUPLX RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>DOUBLE DUPLX RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>DUPLX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>DOUBLE DUPLX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING</p> <p>DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE SCHEDULE FOR TYPE</p> <p>JUNCTION BOX, FLUSH MOUNTED IN CEILING</p> <p>OVERHEAD RECEPTACLE DROP, DUPLX</p> <p>OVERHEAD RECEPTACLE DROP, DOUBLE DUPLX</p> <p>OVERHEAD RECEPTACLE DROP, GFCI</p>		<p>~ CENTERLINE 48" AFF, UNO ~</p> <p>Light switch, 20A, 125/277V, LETTER INDICATES SWITCHING</p> <p>THREE-WAY LIGHT SWITCH</p> <p>FOUR-WAY LIGHT SWITCH</p> <p>TWO-POLE SWITCH</p> <p>KEY OPERATED SWITCH</p> <p>MOTOR RATED SWITCH</p> <p>SINGLE POLE SWITCH WITH RED PILOT LIGHT ~ RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED</p> <p>MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, LETTER INDICATES SWITCHING</p> <p>OCCUPANCY SENSOR SWITCH, WALL MOUNTED</p> <p>2-BUTTON OCCUPANCY SENSOR SWITCH</p> <p>OCCUPANCY SENSOR, CEILING MOUNTED</p> <p>OCCUPANCY SENSOR, WALL MOUNTED</p> <p>INCANDESCENT DIMMER SWITCH</p> <p>FLUORESCENT DIMMER SWITCH</p> <p>HANDICAP SWITCHES FOR HOOD LIGHT AND FAN</p> <p>TIMER SWITCH, 60 MINUTES</p> <p>LIGHTING TIME CLOCK</p> <p>LIGHTING CONTACTOR</p> <p>LIGHTING CONTROL PANEL</p> <p>PHOTOCELL</p>		<p>TELEPHONE WALL OUTLET, 44" AFF UNO</p> <p>TELEPHONE OUTLET FOR ELEVATOR CONNECTION</p> <p>TELEPHONE OUTLET, 18" AFF UNO</p> <p>TEL/DATA OUTLET, 18" AFF UNO</p> <p>DATA OUTLET, 18" AFF UNO</p> <p>WIRELESS ACCESS POINT CEILING MOUNTED</p> <p>WIRELESS ACCESS POINT WALL MOUNTED</p> <p>CONDUIT SLEEVES</p>		<p>BRANCH CIRCUIT WIRING NOT SHOWN. CONNECT ITEMS TO CIRCUITS INDICATED.</p> <p>DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 26 AND OTHER DIVISIONS. THESE DRAWINGS ARE NOT INTENDED TO INDICATE ALL ITEMS TO BE REMOVED.</p> <p>DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS.</p> <p>THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS, IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.</p> <p>ALL ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.</p> <p>COORDINATE ALL WORK WITH OTHER DIVISIONS AND THE OWNER.</p> <p>VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN.</p> <p>POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMED BY DIVISION 26. ALL CONTROL WIRING OPERATING AT LESS THAN 120 VOLTS FOR MECHANICAL EQUIPMENT SHALL BE BY DIVISION 23.</p> <p>NO WIRING THAT BECOMES UNUSED AS PART OF THIS PROJECT SHALL BE ABANDONED IN PLACE.</p> <p>REMOVE ALL EXISTING ELECTRICAL ITEMS AND WIRING FROM WALLS AND CEILINGS OR PORTIONS THEREOF THAT WILL BE DEMOLISHED BY OTHER DIVISIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.</p> <p>PROVIDE PULL STRINGS FOR ALL EMPTY CONDUITS.</p>					
<p>A1 SECURITY SYSTEM</p> <p>NO SCALE</p>		<p>A3 FLOOR AND CEILING DEVICES</p> <p>NO SCALE</p>		<p>A5 LIGHT SWITCHES</p> <p>NO SCALE</p>		<p>A7 TECHNOLOGY</p> <p>NO SCALE</p>		<p>A9 GENERAL NOTES</p> <p>NO SCALE</p>					
<p>NOTE</p> <p>SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN</p>		<p>1. PROVIDE BOXES, RACKS, ETC. WHERE INDICATED OR NEEDED</p> <p>2. IN AREAS WITHOUT CEILINGS, CONDUIT PROVIDED TO NEAREST ACCESSIBLE CORRIDOR CEILING ~ 1" CONDUIT TO SINGLE GANG BOXES, 1 1/4" CONDUIT TO DOUBLE GANG BOXES.</p> <p>3. PROVIDE BLANK INSERTS FOR ALL OUTLET OPENINGS IN PLATES THAT ARE UNUSED</p>											

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